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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/724,181

12/01/2003

Bahram Bahramian

BB 03-2

1347

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10/02/2006

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EXAMINER

LEE, GUIYOUNG

ART UNIT

PAPER NUMBER

2875

DATE MAILED: 10/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/724,181	BAHRAMIAN, BAHRAM	
	Examiner	Art Unit	
	Guiyoung Lee	2875	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8,9,12-15 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6,8,9,12-15 and 18-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Prelim./Amdt.

1. Receipt is acknowledged of the amendment filed 07/21/2006.
2. Claims 1-6, 8-9, 12-15 and 18-20 are pending, claims 7, 10-11 and 16-17 have been cancelled.

Response to Arguments

3. Applicant's arguments with respect to claims 1-6, 8-9, 12-15 and 18-20 have been considered but are moot in view of the new ground(s) of rejection.

In response to applicant's arguments that Christenbery, Boss, or Komai fail to teach or suggest the added limitation of "said apertures staggered in a longitudinal direction relative to said insulated conductors so as to be separated by a first distance equal to a spacing between leads of a light source, where said spacing is greater than a second distance defined laterally between adjacent said insulated conductors", the newly found reference to Pohjola (US 5,997,338) is teaching the added limitations above. The new ground of rejection follows.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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5. Claims 1-3, 5, 8-9, 13-15 and 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over D.P. Christenbery (US 2,800,635) in view of Pohjola (US 5,997,338).

6. Re claims 1-3, 9, 13, 15 and 19: Christenbery discloses an assembly for connecting a plurality of light emitting devices in parallel and a method of connecting the light emitting devices comprising a first body part (14 in Fig. 2); a second body part (46) configured to resiliently mate with said first body part; said first and second body parts configured to receive a pair of insulated conductors (42) therebetween; and apertures (32) formed in the first body (14) in a direction orthogonal to said insulated conductors, said aperture configured to receive contacts (36); wherein said contacts are configured to penetrate an insulation layer of said insulated conductors (42) when said contacts are inserted into said apertures. Further, Christenbery discloses a first group of channels in the first body part and a second group of channels in the second body part, and the first and second groups of channels each consists of a pair of channels (See 34 50 in Fig. 5). Christenbery does not disclose the aperture as set forth in the claims. However, Pohjola shows an assembly for connecting a plurality of light emitting devices having a plurality of insulated conductors, apertures formed on the insulated conductors, wherein contacts are configured to penetrate an insulation layer of the insulated conductors. Further, Pohjola discloses that the apertures are staggered in a longitudinal direction relative to the insulated conductors so as to be separated by a first distance equal to a spacing between leads of a light source, where said spacing is greater than a second distance defined laterally between adjacent insulated conductors (see the 9 in Fig. 1). Although Christenbery discloses that spacing between the apertures is equal to the conductor spacing, moving or changing the locations of the apertures in a longitudinal direction

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relative to the insulated conductors is necessary to accommodate a particular connector having wider conductor strips as suggested by Pohjola (4 and 6 in Fig. 1). It would have been obvious to one having ordinary skill in the art at the time the invention was made to move the locations of Christenbery's apertures in a longitudinal direction relative to the insulated conductors relative to the insulated conductors as shown by Pohjola, motivated by the Pohjola's suggestion above.

Re claims 5, 8, 14 and 20: Pohjola discloses hollow contacts (9a in Fig. 5).

7. Claims 4, 6, 12 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over D.P. Christenbery in view of Pohjola as applied to claims 1, 9, and 15 above, and further in view of and Komai (US 6,017,241).

8. Re claims 4, 6, 12 and 18: Christenbery does not disclose a light emitting diode as a light source. Komai teaches that a light emitting diode package is attached to a pair of conductor wires. Further, Komai suggested the lamp holder is designed to mount either two types of lamps: a conventional incandescent lamp or an LED lamp (col. 4, line 27+). It would have been obvious to one having ordinary skill in the art at the time the invention was made to substitute Komai's light emitting diode with Christenbery's light source because of the Komai's suggestion above and such substitution would be within the level of ordinary skill in the art.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

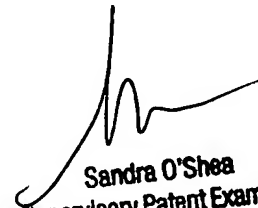
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Guiyoung Lee whose telephone number is 571-272-2374. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 571-272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LGY



Sandra O'Shea
Supervisory Patent Examiner
Technology Center 2800